


## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1714	spreadsheet & (bound\$3 same function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:53
L2	1603	1 & value	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:42
L3	1	2 & (cell same predetermin\$3 same range\$1 same value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:51
L4	0	715/03	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:51
L5	508	715/503	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:51
L6	129	715/504	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:52
L7	140	715/508	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:53


 8/16/2007

## EAST Search History

L8	651	L5 or L6 or L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:53
L9	19	2 & 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:53
L10	12	9 & (spreadsheet same (bound\$3 same function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:59
L11	0	10 & ((automatic\$4 dynamic\$4) same (chanhe\$3 return\$3) same ((default predetermin\$3) same value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:58
L12	62	1 & ((automatic\$4 dynamic\$4) same (chanhe\$3 return\$3) same ((default predetermin\$3) same value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:00
L13	0	8 & 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:59
L14	0	12 & (spreadsheet same (bound\$3 same function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:59

## EAST Search History

L15	62	12 & (bound\$3 same function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:59
L16	62	15 & ((automatic\$4 dynamic\$4) same (chanhe\$3 return\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:00
L17	50	16 & (spreadsheet same function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:01
L18	0	16 & (spreadsheet near3 function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:00
L19	0	16 & (spreadsheet near4 function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:01
L20	0	16 & (spreadsheet with function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:01
L21	0	16 & (spreadsheet with functions)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:01

## EAST Search History

L22	23344	spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L23	5710	L22 & cells	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L24	1826	L23 & ranges	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L25	283	L24 & (cells same ranges)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L26	0	setatref	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L27	0	setatrefSETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L28	0	SETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L29	82402	"set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L30	21306	"8" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L31	13	spreadsheet same "set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L32	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L33	307	L32 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L34	11026	"spreadsheet" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L35	217	"spreadsheet cell" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L36	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L37	3011	"cell value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L38	216	L37 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L39	45	"cell format" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L40	2	boundmin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L41	1	boundmax	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L42	321	powerbuilder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L43	30	L42 & max	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L44	51	"spreadsheet value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L45	307	"spreadsheet cell" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L46	19	("5721847").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L47	474423	"database"	USPAT	OR	OFF	2007/08/16 16:01
L48	105498	L47 & field	USPAT	OR	OFF	2007/08/16 16:01
L49	128	L47 & "field range"	USPAT	OR	OFF	2007/08/16 16:01
L50	0	"micorsoft access"	USPAT	OR	OFF	2007/08/16 16:01
L51	824	"microsoft access"	USPAT	OR	OFF	2007/08/16 16:01
L52	51	L51 & ("field value" "cell value")	USPAT	OR	OFF	2007/08/16 16:01
L53	142	"data type definition"	USPAT	OR	OFF	2007/08/16 16:01
L54	941	"database design"	USPAT	OR	OFF	2007/08/16 16:01
L55	877	L54 & field	USPAT	OR	OFF	2007/08/16 16:01
L56	47	L54 & "field values"	USPAT	OR	OFF	2007/08/16 16:01
L57	22257	"data value"	USPAT	OR	OFF	2007/08/16 16:01
L58	22851	"data value" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L59	3601	"data value" same range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01

## EAST Search History

L60	580	"data value" same range same (maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L61	119	"spreadsheet cell" & maximum & minimum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L62	96428	database & fields	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L63	614	L62 & "field definition"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L64	330	L63 & (ranage maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L65	0	topulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L66	0	topolu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L67	0	tupulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01

## EAST Search History

L68	16	"spreadsheet cell" & "maximum value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L69	0	spreadsheet & tup.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L70	1	spreadsheet & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L71	8	spreadsheet\$ & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L72	52	"cell formatting" & spreadsheet\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L73	54	("5231577").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L74	0	"gautam sain"	USPAT	OR	OFF	2007/08/16 16:01
L75	392	sain	USPAT	OR	OFF	2007/08/16 16:01
L76	0	L75 & "pre fetch"	USPAT	OR	OFF	2007/08/16 16:01
L77	39	L75 & "link"	USPAT	OR	OFF	2007/08/16 16:01
L78	5	sain & fetch	USPAT	OR	OFF	2007/08/16 16:01
L79	2017	("graphical user interface" gui) & "drop down list"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L80	1177	L79 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L81	784	L80 & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01



## EAST Search History

L82	507	L80 & (minimum & maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L83	2	"5845300".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L84	20	("5845300").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L85	1	"6167523".pn.	USPAT	OR	OFF	2007/08/16 16:01
L86	16	top.in.	USPAT	OR	OFF	2007/08/16 16:01
L87	9	topu\$.in.	USPAT	OR	OFF	2007/08/16 16:01
L88	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L89	62	L88 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L90	24050	"error checking" "error handling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L91	935	L90 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L92	5417008	"705" (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L93	911	L91 & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L94	0	L93 & ((cell field) same "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L95	50	L93 & ((cell field) & "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L96	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L97	62	L96 & spreadsheet & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L98	0	"10811234"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L99	9	xduce	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L100	339	"exclusive value\$"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L101	3	L100 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L102	12492	"function call"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L103	820	L102 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L104	651	L103 & parameters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L105	2	L104 & ("range checking" "bound checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L106	36556	"function definition" "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L107	247	"function definition" & "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L108	19	L107 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L109	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L110	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did. & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L111	17894	spreadsheet\$ & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L112	3092	L111 & formula	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L113	1649	L112 & cells	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L114	17	L113 & "linked cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L115	46	("5926822").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L116	14	("6256649").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L117	166	"linked cells"	USPAT	OR	OFF	2007/08/16 16:01
L118	0	"cell forumula"	USPAT	OR	OFF	2007/08/16 16:01
L119	516	"spreadsheet cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01

## EAST Search History

L120	400	L119 & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L121	8	("6460059").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L122	0	("6742162").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L123	11	"interrelated cells"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L124	41	"spreadsheet cells" & (dependant interrelated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L125	70	("5610833").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L126	17	("4651284"   "4922432"   "4937827"   "4970664"   "5019961"   "5051938"   "5121330"   "5155836"   "5157668"   "5220512"   "5222030"   "5241620"   "5258919"   "5272642"   "5278769"   "5287284"   "5303161").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 16:01
L127	130	715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L128	499	715/503.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L129	130	L128 & nog 715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L130	157	ppml	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L131	67	L130 & pdf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L132	23344	spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L133	5710	L132 & cells	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L134	1826	L133 & ranges	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L135	283	L134 & (cells same ranges)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L136	0	setatrefSETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L137	82402	"set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L138	21306	"8" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L139	13	spreadsheet same "set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L140	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L141	307	L140 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L142	11026	"spreadsheet" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L143	217	"spreadsheet cell" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L144	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L145	3011	"cell value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L146	216	L145 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L147	45	"cell format" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L148	2	boundmin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L149	1	boundmax	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L150	321	powerbuilder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L151	30	L150 & max	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L152	51	"spreadsheet value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L153	307	"spreadsheet cell" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L154	19	("5721847").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L155	474423	"database"	USPAT	OR	OFF	2007/08/16 16:01
L156	105498	L155 & field	USPAT	OR	OFF	2007/08/16 16:01
L157	128	L155 & "field range"	USPAT	OR	OFF	2007/08/16 16:01
L158	0	"micorsoft access"	USPAT	OR	OFF	2007/08/16 16:01
L159	824	"microsoft access"	USPAT	OR	OFF	2007/08/16 16:01
L160	51	L159 & ("field value" "cell value")	USPAT	OR	OFF	2007/08/16 16:01
L161	142	"data type definition"	USPAT	OR	OFF	2007/08/16 16:01
L162	941	"database design"	USPAT	OR	OFF	2007/08/16 16:01
L163	877	L162 & field	USPAT	OR	OFF	2007/08/16 16:01
L164	47	L162 & "field values"	USPAT	OR	OFF	2007/08/16 16:01
L165	22257	"data value"	USPAT	OR	OFF	2007/08/16 16:01
L166	22851	"data value" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L167	3601	"data value" same range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L168	580	"data value" same range same (maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L169	119	"spreadsheet cell" & maximum & minimum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01

## EAST Search History

L170	96428	database & fields	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L171	614	L170 & "field definition"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L172	0	spreadsheet & tup.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L173	0	SETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L174	0	setatref	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L175	330	L171 & (ranage maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L176	1	spreadsheet & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L177	0	topulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L178	0	topolu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01



## EAST Search History

L179	16	"spreadsheet cell" & "maximum value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L180	0	tupulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L181	8	spreadsheet\$ & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L182	52	"cell formatting" & spreadsheet\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L183	54	("5231577").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L184	0	"gautam sain"	USPAT	OR	OFF	2007/08/16 16:01
L185	392	sain	USPAT	OR	OFF	2007/08/16 16:01
L186	0	L185 & "pre fetch"	USPAT	OR	OFF	2007/08/16 16:01
L187	39	L185 & "link"	USPAT	OR	OFF	2007/08/16 16:01
L188	5	sain & fetch	USPAT	OR	OFF	2007/08/16 16:01
L189	2017	("graphical user interface" gui) & "drop down list"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L190	1177	L189 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L191	784	L190 & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L192	507	L190 & (minimum & maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L193	2	"5845300".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L194	20	("5845300").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L195	1	"6167523".pn.	USPAT	OR	OFF	2007/08/16 16:01
L196	16	top.in.	USPAT	OR	OFF	2007/08/16 16:01
L197	9	topu\$.in.	USPAT	OR	OFF	2007/08/16 16:01
L198	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L199	62	L198 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L200	24050	"error checking" "error handling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L201	935	L200 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L202	5417008	"705" (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L203	911	L201 & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L204	0	L203 & ((cell field) same "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L205	50	L203 & ((cell field) & "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L206	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L207	62	L206 & spreadsheet & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L208	0	"10811234"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L209	9	xduce	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L210	339	"exclusive value\$"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L211	3	L210 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L212	12492	"function call"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L213	820	L212 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L214	651	L213 & parameters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L215	2	L214 & ("range checking" "bound checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L216	36556	"function definition" "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L217	247	"function definition" & "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L218	19	L217 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L219	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L220	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did. & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L221	17894	spreadsheet\$ & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L222	3092	L221 & formula	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L223	1649	L222 & cells	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L224	17	L223 & "linked cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L225	46	("5926822").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L226	14	("6256649").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L227	166	"linked cells"	USPAT	OR	OFF	2007/08/16 16:01
L228	0	"cell forumula"	USPAT	OR	OFF	2007/08/16 16:01
L229	516	"spreadsheet cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L230	400	L229 & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L231	8	("6460059").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L232	0	("6742162").URPN.	USPAT	OR	OFF	2007/08/16 16:01

## EAST Search History

L233	11	"interrelated cells"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L234	41	"spreadsheet cells" & (dependant interrelated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L235	70	("5610833").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L236	17	("4651284"   "4922432"   "4937827"   "4970664"   "5019961"   "5051938"   "5121330"   "5155836"   "5157668"   "5220512"   "5222030"   "5241620"   "5258919"   "5272642"   "5278769"   "5287284"   "5303161").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 16:01
L237	130	715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L238	499	715/503.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L239	130	L238 & nog 715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L240	157	ppml	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L241	67	L240 & pdf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L242	2	"20040161257"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L243	0	"micorsoft access"	USPAT	OR	OFF	2007/08/16 16:01

## EAST Search History

L244	474423	"database"	USPAT	OR	OFF	2007/08/16 16:01
L245	105498	L244 & field	USPAT	OR	OFF	2007/08/16 16:01
L246	82402	"set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L247	0	spreadsheet & tup.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L248	36556	"function definition" "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L249	0	tupulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L250	11026	"spreadsheet" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L251	24050	"error checking" "error handling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L252	935	L251 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L253	911	L252 & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L254	0	topolu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01

## EAST Search History

L255	0	topulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L256	5417008	"705" (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L257	0	"10811234"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L258	0	SETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L259	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L260	17894	spreadsheet\$ & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L261	3092	L260 & formula	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L262	1649	L261 & cells	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L263	0	setatrefSETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L264	339	"exclusive value\$"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L265	2017	("graphical user interface" gui) & "drop down list"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L266	1177	L265 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L267	784	L266 & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L268	17894	spreadsheet\$ & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L269	3092	L268 & formula	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L270	1649	L269 & cells	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L271	941	"database design"	USPAT	OR	OFF	2007/08/16 16:01
L272	0	L253 & ((cell field) same "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L273	3011	"cell value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L274	0	setatref	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L275	23344	spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L276	5710	L275 & cells	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L277	1826	L276 & ranges	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01



## EAST Search History

L278	0	setatrefSETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L279	82402	"set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L280	824	"microsoft access"	USPAT	OR	OFF	2007/08/16 16:01
L281	2	boundmin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L282	247	"function definition" & "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L283	22257	"data value"	USPAT	OR	OFF	2007/08/16 16:01
L284	1	spreadsheet & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L285	96428	database & fields	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L286	12492	"function call"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L287	820	L286 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L288	23344	spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L289	614	L285 & "field definition"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L290	0	"cell forumula"	USPAT	OR	OFF	2007/08/16 16:01
L291	5710	L288 & cells	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L292	1826	L291 & ranges	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L293	21306	"8" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L294	392	sain	USPAT	OR	OFF	2007/08/16 16:01
L295	0	"gautam sain"	USPAT	OR	OFF	2007/08/16 16:01
L296	0	L294 & "pre fetch"	USPAT	OR	OFF	2007/08/16 16:01
L297	22851	"data value" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L298	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L299	3601	"data value" same range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L300	877	L271 & field	USPAT	OR	OFF	2007/08/16 16:01
L301	1	"6167523".pn.	USPAT	OR	OFF	2007/08/16 16:01

## EAST Search History

L302	1	boundmax	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L303	14	("6256649").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L304	14	("6256649").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L305	8	("6460059").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L306	11	"interrelated cells"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L307	41	"spreadsheet cells" & (dependant interrelated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L308	70	("5610833").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L309	17	("4651284"   "4922432"   "4937827"   "4970664"   "5019961"   "5051938"   "5121330"   "5155836"   "5157668"   "5220512"   "5222030"   "5241620"   "5258919"   "5272642"   "5278769"   "5287284"   "5303161").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 16:01
L310	516	"spreadsheet cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L311	400	L310 & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L312	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L313	321	powerbuilder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L314	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L315	507	L266 & (minimum & maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L316	499	715/503.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L317	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L318	455	"spreadsheet cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L319	499	715/503.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L320	2017	("graphical user interface" gui) & "drop down list"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L321	1177	L320 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L322	507	L321 & (minimum & maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L323	580	"data value" same range same (maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01

## EAST Search History

L324	651	L287 & parameters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L325	580	"data value" same range same (maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L326	12492	"function call"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L327	820	L326 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L328	651	L327 & parameters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L329	516	"spreadsheet cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L330	0	("6742162").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L331	96428	database & fields	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L332	614	L331 & "field definition"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L333	0	spreadsheet & tup.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L334	0	SETATREF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L335	0	setatref	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L336	1	spreadsheet & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L337	392	sain	USPAT	OR	OFF	2007/08/16 16:01
L338	0	L337 & "pre fetch"	USPAT	OR	OFF	2007/08/16 16:01
L339	784	L321 & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L340	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L341	24050	"error checking" "error handling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L342	935	L341 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L343	5417008	"705" (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L344	911	L342 & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L345	21306	"8" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L346	11026	"spreadsheet" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L347	3011	"cell value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L348	474423	"database"	USPAT	OR	OFF	2007/08/16 16:01
L349	0	topulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L350	0	topolu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L351	0	tupulu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L352	0	"gautam sain"	USPAT	OR	OFF	2007/08/16 16:01
L353	130	L316 & nog 715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L354	157	ppml	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L355	105498	L348 & field	USPAT	OR	OFF	2007/08/16 16:01
L356	0	"micorsoft access"	USPAT	OR	OFF	2007/08/16 16:01
L357	824	"microsoft access"	USPAT	OR	OFF	2007/08/16 16:01

## EAST Search History

L358	941	"database design"	USPAT	OR	OFF	2007/08/16 16:01
L359	877	L358 & field	USPAT	OR	OFF	2007/08/16 16:01
L360	22257	"data value"	USPAT	OR	OFF	2007/08/16 16:01
L361	22851	"data value" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L362	3601	"data value" same range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L363	0	L344 & ((cell field) same "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L364	797	"range checking"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L365	0	"10811234"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L366	339	"exclusive value\$"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L367	36556	"function definition" "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L368	247	"function definition" & "c++"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L369	0	"cell forumula"	USPAT	OR	OFF	2007/08/16 16:01



## EAST Search History

L370	321	powerbuilder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L371	30	L370 & max	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L372	51	"spreadsheet value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L373	0	("6742162").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L374	130	L319 & nog 715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L375	157	ppml	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L376	1	boundmax	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L377	13	spreadsheet same "set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L378	45	"cell format" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L379	19	("5721847").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L380	1	"6167523".pn.	USPAT	OR	OFF	2007/08/16 16:01
L381	47	L271 & "field values"	USPAT	OR	OFF	2007/08/16 16:01

## EAST Search History

L382	16	"spreadsheet cell" & "maximum value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L383	51	L280 & ("field value" "cell value")	USPAT	OR	OFF	2007/08/16 16:01
L384	54	("5231577").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L385	8	spreadsheet\$ & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L386	52	"cell formatting" & spreadsheet\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L387	39	L294 & "link"	USPAT	OR	OFF	2007/08/16 16:01
L388	2	"5845300".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L389	20	("5845300").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L390	16	top.in.	USPAT	OR	OFF	2007/08/16 16:01
L391	62	L298 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L392	5	sain & fetch	USPAT	OR	OFF	2007/08/16 16:01
L393	9	topu\$.in.	USPAT	OR	OFF	2007/08/16 16:01
L394	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did. & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L395	17	L262 & "linked cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L396	50	L253 & ((cell field) & "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L397	62	L259 & spreadsheet & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L398	9	xduce	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L399	3	L264 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L400	2	L324 & ("range checking" "bound checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L401	19	L282 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L402	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L403	46	("5926822").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L404	8	("6460059").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L405	11	"interrelated cells"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L406	41	"spreadsheet cells" & (dependant interrelated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L407	67	L354 & pdf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

## EAST Search History

L408	13	spreadsheet same "set time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L409	45	"cell format" & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L410	2	boundmin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L411	30	L313 & max	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L412	51	"spreadsheet value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L413	19	("5721847").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L414	51	L357 & ("field value" "cell value")	USPAT	OR	OFF	2007/08/16 16:01
L415	47	L358 & "field values"	USPAT	OR	OFF	2007/08/16 16:01
L416	16	"spreadsheet cell" & "maximum value"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L417	8	spreadsheet\$ & tu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L418	70	("5610833").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L419	17	("4651284"   "4922432"   "4937827"   "4970664"   "5019961"   "5051938"   "5121330"   "5155836"   "5157668"   "5220512"   "5222030"   "5241620"   "5258919"   "5272642"   "5278769"   "5287284"   "5303161").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 16:01

## EAST Search History

L420	52	"cell formatting" & spreadsheet\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L421	54	("5231577").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L422	39	L337 & "link"	USPAT	OR	OFF	2007/08/16 16:01
L423	5	sain & fetch	USPAT	OR	OFF	2007/08/16 16:01
L424	2	"5845300".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L425	20	("5845300").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L426	16	top.in.	USPAT	OR	OFF	2007/08/16 16:01
L427	9	topu\$.in.	USPAT	OR	OFF	2007/08/16 16:01
L428	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L429	8	(US-20040006762-\$ or US-20040039743-\$ or US-20020161772-\$).did. or (US-5623591-\$ or US-5241620-\$ or US-6742162-\$ or US-5721847-\$ or US-6727921-\$ or US-6064999-\$ or US-6374252-\$).did. & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L430	62	L340 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L431	50	L344 & ((cell field) & "range checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L432	62	L364 & spreadsheet & (cell field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01

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L433	9	xduce	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L434	3	L366 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L435	2	L328 & ("range checking" "bound checking")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L436	19	L368 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L437	17	L270 & "linked cells"	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:01
L438	46	("5926822").URPN.	USPAT	OR	OFF	2007/08/16 16:01
L439	67	L375 & pdf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L440	2	"20040161257"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L441	217	"spreadsheet cell" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L442	128	L244 & "field range"	USPAT	OR	OFF	2007/08/16 16:01
L443	216	L273 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L444	142	"data type definition"	USPAT	OR	OFF	2007/08/16 16:01

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L445	119	"spreadsheet cell" & maximum & minimum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:01
L446	166	"linked cells"	USPAT	OR	OFF	2007/08/16 16:01
L447	130	715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L448	216	L347 & spreadsheet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:01
L449	128	L348 & "field range"	USPAT	OR	OFF	2007/08/16 16:02
L450	142	"data type definition"	USPAT	OR	OFF	2007/08/16 16:02
L451	119	"spreadsheet cell" & maximum & minimum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:02
L452	166	"linked cells"	USPAT	OR	OFF	2007/08/16 16:02
L453	130	715/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02
L454	283	L292 & (cells same ranges)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02
L455	217	"spreadsheet cell" & (minimum maximum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02
L456	307	L312 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02

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L457	307	"spreadsheet cell" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02
L458	330	L289 & (ranage maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:02
L459	283	L277 & (cells same ranges)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02
L460	307	L317 & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02
L461	307	"spreadsheet cell" & range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/16 16:02
L462	330	L332 & (ranage maximum minimum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 16:02
L463	400	L329 & link\$	US-PGPUB; USPAT	OR	OFF	2007/08/16 16:02

  
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